

TABLE 1: Characteristics of BERRIEN CO. Residents Living with HIV or AIDS as of October 1, 2007

	Estimate of HIV Prevalence ¹	Reported Living with AIDS ²		Reported Living with HIV not AIDS ²	
		Number	Percent	Number	Percent
BERRIEN CO. TOTAL	300	123	100%	97	100%
SEX					
Male	180	71	58%	59	61%
Female	120	52	42%	38	39%
BEHAVIOR					
Male-Male sex	70	31	25%	18	19%
Injecting Drug Use	20	7	6%	8	8%
Male-Male Sex/IDU	10	<5	*	<5	*
Blood Products	10	0	0%	<5	*
Heterosexual ³	130	56	46%	41	42%
HRH	80	33	27%	28	29%
PH-Female	50	23	19%	13	13%
Perinatal	10	<5	*	<5	*
Undetermined ⁴	60	24	20%	22	23%
PH-Male	50	21	17%	15	15%
Unknown	10	<5	*	7	7%
AGE AT HIV DIAGNOSIS					
0 -12 years	10	<5	*	<5	*
13 -19 years	20	<5	*	7	7%
20 -24 years	30	14	11%	9	9%
25 -29 years	50	20	16%	13	13%
30 -39 years	120	45	37%	44	45%
40 -49 years	60	30	24%	17	18%
50 -59 years	10	7	6%	<5	*
60 years and over	10	<5	*	<5	*
Unspecified	Not Applicable	0	0%	0	0%
RACE / ETHNICITY					
White, Non-Hisp.	90	41	33%	23	24%
Black, Non-Hisp.	200	76	62%	70	72%
Hispanic	10	6	5%	<5	*
Asian	10	0	0%	0	0%
American Indian	10	0	0%	0	0%
Unspecified/Other/Multi-race	Not Applicable	0	0%	<5	*

1. This estimate includes all persons living in BERRIEN CO. at diagnosis of HIV or AIDS, including those not reported or not yet diagnosed. All estimates are rounded to the nearest ten, and the minimum estimate given is 10. The formula used to gain these estimates was updated October 2003, January 2004 and January 2007 so that numbers are only rounded at the end of the estimate calculation and so that cases with no identified risk are no longer part of the equation. This may result in minor variations when compared to past estimates.

2. Includes reports that contain patient name or are otherwise unduplicated. <5 and '*' = 1, 2, 3, or 4 cases.

3. Heterosexual risk is made up of two sub-categories, (1) HRH [High Risk Heterosexual]: Males and females whose sexual partners are known to be HIV-infected or at high risk for HIV. The partners meet one of the following criteria: a history of sexual contact with bi-sexual males (for females), IDU, hemophiliacs, HIV+ transfusion recipients or other HIV+ persons of unknown risk and (2) PH [Presumed Heterosexual]-female: Females whose only reported risk is heterosexual contact, and their male partners' risk and HIV status are unknown.

4. Undetermined risk is made up of two sub-categories, (1) PH [Presumed Heterosexual]-Male: Males whose only reported risk is heterosexual contact, and their female partners' risk and HIV status are unknown and (2) Unknown: Males and Females with no identified risk.

**Table 2: Berrien County Residents Living with HIV Infection by City,
as of 10/1/2007**

City	Estimate of HIV Prevalence²	HIV or AIDS¹	
		Number	Percent
Berrien Co.	300	220	100%
Baroda	10	<5	*
Benton Harbor	120	85	39%
Berrien Springs	40	30	14%
Bridgman	10	<5	*
Buchanan	20	18	8%
Coloma	10	<5	*
Galien	10	<5	*
New Buffalo	10	<5	*
Niles	40	32	15%
Sawyer	10	<5	*
Sodus	10	6	3%
St. Joseph	20	13	6%
Stevensville	10	9	4%
Three Oaks	10	8	4%
Watervliet	10	7	3%
Unknown	Not applicable	<5	*

1. Reports that contain patient name or are otherwise unduplicated.

2. This estimate includes all persons living with HIV or AIDS, including those not reported or not yet diagnosed. All estimates are rounded to the nearest ten, and the minimum estimate given is 10. The formula used to gain these estimates was updated October 2003, January 2004 and January 2007 so that the numbers are only rounded at the at the end of the estimate calculation and so that cases with no identified risk are no longer part of the equation. This may result in minor variations when compared to past estimates.

October 1, 2007

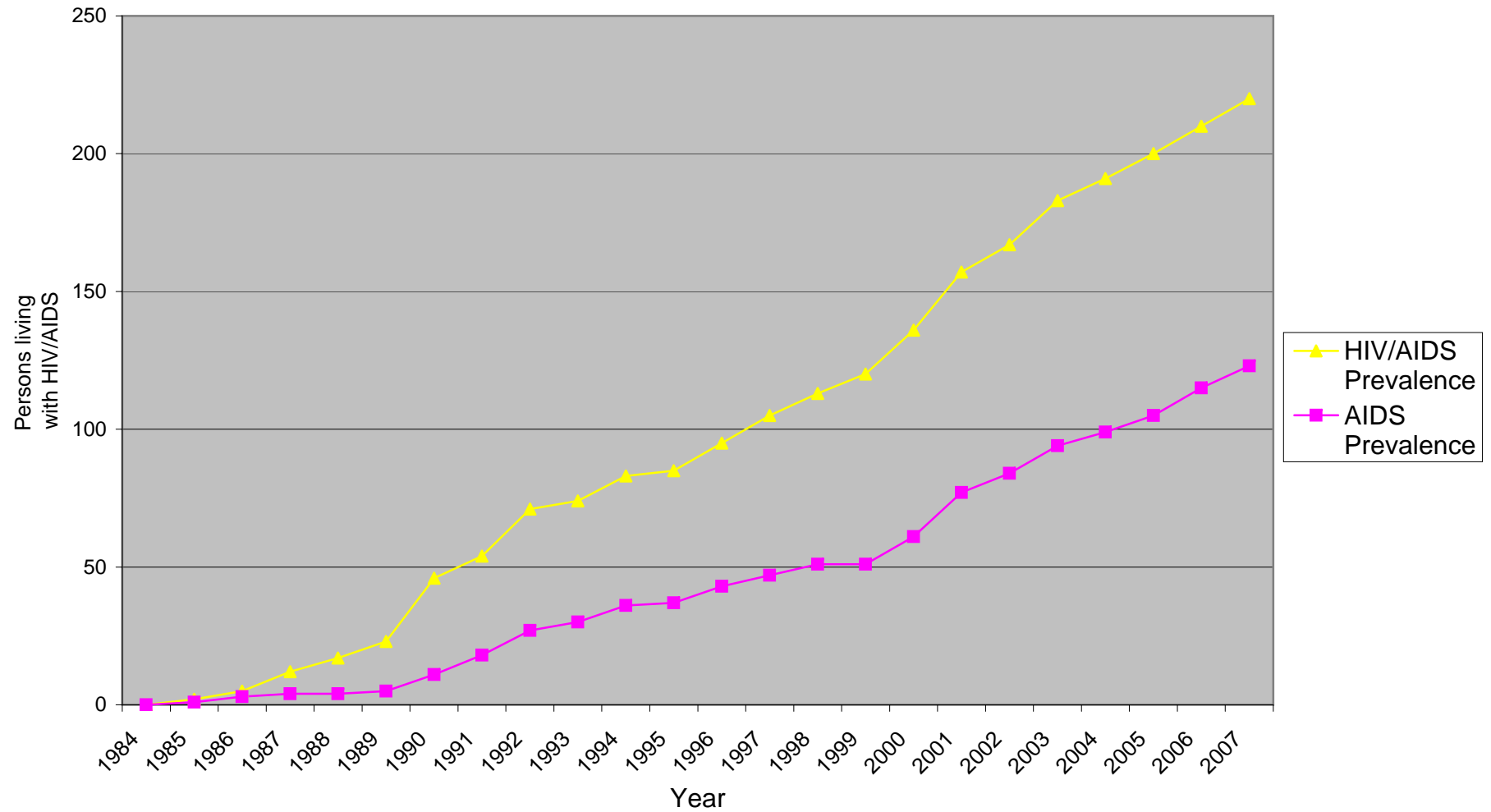
**Table 3: Berrien County HIV/AIDS Prevalence
through October 1, 2007**

Year	HIV/AIDS Deaths/Year	HIV Incidence	AIDS Incidence	HIV/AIDS Prevalence	AIDS Prevalence
1981	0	0	0	0	0
1982	0	0	0	0	0
1983	0	0	0	0	0
1984	0	0	0	0	0
1985	0	2	1	2	1
1986	2	5	4	5	3
1987	1	8	2	12	4
1988	7	12	7	17	4
1989	3	9	4	23	5
1990	3	26	9	46	11
1991	5	13	12	54	18
1992	2	19	11	71	27
1993	10	13	13	74	30
1994	9	18	13	83	36
1995	11	13	11	85	37
1996	7	17	13	95	43
1997	5	15	8	105	47
1998	7	15	10	113	51
1999	5	12	5	120	51
2000	6	22	14	136	61
2001	2	23	18	157	77
2002	6	16	13	167	84
2003	4	20	13	183	94
2004	5	13	10	191	99
2005	3	12	9	200	105
2006	4	14	13	210	115
2007	1	11	8	220	123
TOTAL	108	328	221		

Reported HIV/AIDS prevalence (all persons currently living with an HIV or AIDS diagnosis) is 220 persons through October 1, 2007

Reported AIDS prevalence (all persons currently living with an AIDS diagnosis & note this is a subset of the HIV/AIDS prevalence listed above) is 123 persons through October 1, 2007

Prevalence of Berrien County residents living with HIV/AIDS and AIDS



HIV/STD & Blood borne Infections Surveillance Section
Division of Communicable Disease
Bureau of Epidemiology

Information based on the October 1, 2007 Michigan Quarterly HIV/AIDS Analysis

Residence at time of diagnosis	Estimate of HIV Prevalence	Persons living with AIDS	Persons living with HIV not AIDS	Persons ever diagnosed with AIDS	Reported Prevalence Rate
Berrien County	300	123	97	221	136
Michigan Total	17,000	6,904	6,244	15,455	130

Note: This estimate includes all persons living with HIV or AIDS, including those not yet diagnosed.

Rates are calculated per 100,000 population using Cesus 2006 Estimates.

Data includes reports of HIV infection and AIDS that contain patient name or are otherwise unduplicated.

TABLE 4: Characteristics of BERRIEN CO. Residents Living with HIV or AIDS as of October 1, 2007

	Estimate of HIV Prevalence ¹	Reported Living with HIV/AIDS ²	
		Number	Percent
BERRIEN CO. TOTAL	300	220	100%
SEX			
Male	180	130	59%
Female	120	90	41%
BEHAVIOR			
Male-Male sex	70	49	22%
Injecting Drug Use	20	15	7%
Male-Male Sex/IDU	10	8	4%
Blood Products	10	<5	*
Heterosexual ³	130	97	44%
HRH	80	61	28%
PH-Female	50	36	16%
Perinatal	10	<5	*
Undetermined ⁴	60	46	21%
PH-Male	50	36	16%
Unknown	10	10	5%
AGE AT HIV DIAGNOSIS			
0 -12 years	10	<5	*
13 -19 years	20	11	5%
20 -24 years	30	23	10%
25 -29 years	50	33	15%
30 -39 years	120	89	40%
40 -49 years	60	47	21%
50 -59 years	10	10	5%
60 years and over	10	<5	*
Unspecified	Not Applicable	0	0%
RACE / ETHNICITY			
White, Non-Hisp.	90	64	29%
Black, Non-Hisp.	200	146	66%
Hispanic	10	8	4%
Asian	10	0	0%
American Indian	10	0	0%
Unspecified/Other/Multi-race	Not Applicable	<5	*

1. This estimate includes all persons living in **BERRIEN CO.** at diagnosis of HIV or AIDS, including those not reported or not yet diagnosed. All estimates are rounded to the nearest ten, and the minimum estimate given is 10. The formula used to gain these estimates was updated October 2003, January 2004 and January 2007 so that numbers are only rounded at the end of the estimate calculation and so that cases with no identified risk are no longer part of the equation. This may result in minor variations when compared to past estimates.

2. Includes reports that contain patient name or are otherwise unduplicated. <5 and '*' = 1, 2, 3, or 4 cases.

3. Heterosexual risk is made up of two sub-categories, (1) HRH [High Risk Heterosexual]: Males and females whose sexual partners are known to be HIV-infected or at high risk for HIV. The partners meet one of the following criteria: a history of sexual contact with bi-sexual males (for females), IDU, hemophiliacs, HIV+ transfusion recipients or other HIV+ persons of unknown risk and (2) PH [Presumed Heterosexual]-female: Females whose only reported risk is heterosexual contact, and their male partners' risk and HIV status are unknown.

4. Undetermined risk is made up of two sub-categories, (1) PH [Presumed Heterosexual]-Male: Males whose only reported risk is heterosexual contact, and their female partners' risk and HIV status are unknown and (2) Unknown: Males and Females with no identified risk.

TABLE 5: Berrien Co. Residents Reported Living with HIV or AIDS: Sex by Race by Behavior

MALES:	White		Black		Other or Unknown		TOTAL	
Male-Male Sex	34	65%	14	20%	<5	*	49	38%
Injecting Drug Use	<5	*	8	11%	<5	*	11	8%
Male-Male Sex/IDU	6	12%	<5	*	<5	*	8	6%
Blood Recipient	<5	*	<5	*	0	0%	<5	*
Heterosexual ¹	<5	*	11	15%	0	0%	15	12%
Perinatal	0	0%	<5	*	0	0%	<5	*
Undetermined ²	5	10%	35	49%	<5	*	44	34%
<i>PH-Male</i>	<5	*	29	41%	<5	*	36	28%
<i>Unknown</i>	<5	*	6	8%	<5	*	8	6%
Male Subtotal	52	40%	71	55%	7	5%	130	100%
FEMALES:	White		Black		Other or Unknown		TOTAL	
Injecting Drug Use	<5	*	<5	*	<5	*	<5	*
Blood Recipient	0	0%	0	0%	0	0%	0	0%
Heterosexual ¹	11	92%	69	92%	<5	*	82	91%
<i>HRH</i>	8	67%	37	49%	<5	*	46	51%
<i>PH-Female</i>	<5	*	32	43%	<5	*	36	40%
Perinatal	0	0%	<5	*	0	0%	<5	*
Undetermined ²	0	0%	<5	*	0	0%	<5	*
Female Subtotal	12	13%	75	83%	<5	*	90	100%
Total	White		Black		Other or Unknown		TOTAL	
Male-Male Sex	34	53%	14	10%	<5	*	49	22%
Injecting Drug Use	<5	*	10	7%	<5	*	15	7%
Male-Male Sex/IDU	6	9%	<5	*	<5	*	8	4%
Blood Recipient	<5	*	<5	*	0	0%	<5	*
Heterosexual ¹	15	23%	80	55%	<5	*	97	44%
<i>HRH</i>	12	19%	48	33%	<5	*	61	28%
<i>PH-Female</i>	<5	*	32	22%	<5	*	36	16%
Perinatal	0	0%	<5	*	0	0%	<5	*
Undetermined ²	5	8%	37	25%	<5	*	46	21%
<i>PH-Male</i>	<5	*	29	20%	<5	*	36	16%
<i>Unknown</i>	<5	*	8	5%	<5	*	10	5%
GRAND TOTAL	64	29%	146	66%	10	5%	220	100%

1. Heterosexual risk is made up of two sub-categories, (1) HRH [High Risk Heterosexual]: Males and females whose sexual partners are known to be HIV-infected or at high risk for HIV. The partners meet one of the following criteria: a history of sexual contact with bi-sexual males (for females), IDU, hemophiliacs, HIV+ transfusion recipients or other HIV+ persons of unknown risk and (2) PH [Presumed Heterosexual]-female: Females whose only reported risk is heterosexual contact, and their male partners' risk and HIV status are unknown. **In the male subset, all cases in the heterosexual category are HRH because the PH-Female category is not applicable to males.

2. Undetermined risk is made up of two sub-categories, (1) PH [Presumed Heterosexual]-Male: Males whose only reported risk is heterosexual contact, and their female partners' risk and HIV status are unknown and (2) Unknown: Males and Females with no identified risk. **In the female subset, all cases in the undetermined category of unknown risk because the PH-Male category is not applicable to females.

NOTE: Includes reports that contain patient name or are otherwise unduplicated. <5 and '*' = 1, 2, 3, or 4 cases.

